

**Amendments to the Claims**

**1. - 17.** (Canceled)

**18.** (Currently Amended) One or more computer-readable media comprising computer-executable instructions that perform the following when executed by one or more computers:

presenting extensible markup language (XML) data of a node of a first XML document in a user interface having:

a first portion to display the XML data in an electronic form representation; and

another portion concurrently displayable with the first portion to display the XML data in a hierarchal tree representation;

enabling one or more operations through interaction with a component in the electronic form representation corresponding to the XML data;

receiving selection of an operation of the one or more operations; and

modifying the XML data of the first XML document corresponding to the component in the electronic form based on the received operation, wherein:

the act of presenting comprises determining that the node is identified in a first element in a second XML document; ~~and~~

1           the act of enabling comprises determining that the operations are  
identified in a second element associated with the first element in the  
second XML document; and

5           the act of modifying the XML data causes modifications to the XML  
data to be concurrently reflected in the electronic form representation and  
the hierarchal view representation.

10       **19.**   (Currently Amended) The media of claim 18, wherein the act of  
presenting comprises presenting a blank data-entry field in the electronic form  
representation.

15       **20.**   (Currently Amended) The media of claim 18, wherein the act of  
presenting comprises presenting a data-entry field having content in the electronic  
form representation, the content contained in the node.

20       **21.**   (Original) The media of claim 18, wherein the act of determining  
that the node is identified comprises determining that the first element comprises a  
character string of “xmlToEdit”.

1           **22.**   (Original) The media of claim 18, wherein the act of determining  
that the node is identified comprises determining that a location of the node  
matches an XPath expression determinable from a value of an attribute on the first  
element.

5           **23.**   (Original) The media of claim 18, wherein the act of determining  
that the node is identified comprises determining that the first element comprises a  
character string of “item” and that a value associated with that character string is  
usable to determine an XPath expression matching a location of the node.

10           **24.**   (Original) The media of claim 18, wherein the act of determining  
that the operations are identified comprises determining that the second element  
comprises a character string of “editWith”.

15           **25.**   (Original) The media of claim 18, wherein the act of determining  
that the operations are identified comprises determining that the second element  
comprises a character string of “component” and a value associated with the  
character string, and using the value to determine the operations.

1           **26.**   (Original) The media of claim 18, wherein the act of presenting  
comprises determining that the second XML document comprises a namespace  
having a namespace resource indicator having a character string of either  
“microsoft” or “infopath”.

5           **27.**   (Original) The media of claim 18, wherein the first XML document  
comprises data not represented with XML.

10           **28.**   (Original) The media of claim 18, wherein the act of determining  
that the operations are identified comprises determining that the second element  
comprises an attribute indicating that the operations comprise insertion or deletion  
of the identified node, or of a sibling node to the identified node.

15           **29.**   (Original) The media of claim 28, wherein the value of the attribute  
comprises a character string of “xCollection”.

20           **30.**   (Original) The media of claim 28, wherein the value of the attribute  
comprises a character string of “xOptional”.

1           **31.**   (Original) The media of claim 28, wherein the act of determining  
that the operations are identified further comprises determining: (a) that the second  
element indicates that the operations comprise insertion of the nodes; and (b) a  
location where the nodes are to be inserted based on one or more character strings  
5 in the first element, the character strings being treatable as an XPath expression.

**32.**   (Original) The media of claim 28, further comprising determining a  
location for the insertion with an XPath expression associated with a character  
string of “item” in the first element.

10           **33.**   (Original) The media of claim 28, further comprising determining  
the identified node or the sibling of the identified node using a child element of the  
second element, the child element comprising a character string  
“chooseFragment.”

15           **34.**   (Original) The media of claim 33, further comprising determining a  
location for inserting the identified node or the sibling of the identified node using  
an XPath expression associated with an additional character string of the child  
element.

20           **35.**   (Original) The media of claim 34, wherein the additional character  
string is associated with a character string “parent.”

1           **36.**   (Original) The media of claim 18, wherein the act of determining  
that the operations are identified comprises determining that the second element  
comprises an attribute indicating that the operations comprise addition to or  
alteration of data within the identified node.

5           **37.**   (Original) The media of claim 36, wherein the act of determining  
that the second element comprises the attribute comprises determining that a value  
of the attribute comprises a character string of “xField”.

10          **38.**   (Original) The media of claim 37, wherein the act of determining  
that the operations are identified further comprises determining that the second  
element comprises a second attribute having a character string of “type”.

15          **39.**   (Original) The media of claim 38, wherein the act of determining  
that the operations are identified further comprises determining that the second  
attribute is associated with a character string of “rich” and the act of enabling one  
or more operations comprises enabling creation and modification of rich-text-data  
within the identified node.

1           **40.**   (Original) The media of claim 38, wherein the act of determining  
that the operations are identified further comprises determining that the second  
attribute is associated with a character string of “plain” and the act of enabling one  
or more operations comprises enabling creation and modification of plain-text-  
5 data within the identified node.

**41.**   (Currently Amended) One or more computer-readable media  
comprising computer-executable instructions that perform the following when  
executed by one or more computers:

10           presenting, in a first portion of a user interface, a first extensible markup  
language (XML) document as an electronic form having one or more data-entry  
fields representing one or more nodes of the first XML document, the user  
interface including another portion concurrently displayable with the first portion  
to display the first XML document in a hierarchal tree representation; and

15           enabling an operation to be performed on one of the nodes through its data-  
entry field, wherein:

          the one node is identified in ~~an~~ a ‘xmlToEdit’ element comprising a  
character string of “xmlToEdit” in a second XML document; ~~and~~

20           the operation enabled to be performed on the one node is identified  
in a child element of the ‘xmlToEdit’ element, the child element comprising a  
character string of “editWith”; and

1                   when performed, the operation enabled to be performed causes a  
modification of data corresponding to the one node in the first XML  
document, the modification being concurrently reflected in the electronic  
form and the hierarchal tree representation.

5                   **42.**       (Currently Amended) The media of claim [[0]] 41, wherein the one  
node is identified by an XPath expression associated with a value of an “item”  
attribute in the ‘xmlToEdit’ element.

10                  **43.**       (Currently Amended) The media of claim [[0]] 41, wherein the  
operation to be performed is identified by a value of a “component” attribute in the  
child element.

15                  **44.**       (Currently Amended) The media of claim [[0]] 41, wherein the act  
of enabling the operation comprises enabling the operation only if the electronic  
form comprises a representation of a context node, and wherein the context node is  
identified in a “container” attribute of the ‘xmlToEdit’ element.

20                  **45. - 49.** (Canceled)